

(12)

EUROPEAN PATENT APPLICATION

(88)

Date of publication A3:

10.10.2001 Bulletin 2001/41

(51)

Int Cl.7:

G11B 5/54, G11B 21/22

(43)

Date of publication A2:

20.09.2000 Bulletin 2000/38

(21)

Application number:

00113312.3

(22)

Date of filing:

21.08.1998

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(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 98306704.2 / 0 919 991	(74) Representative: Perry, Julie Elizabeth 15 Clare Road Halifax, West Yorkshire HX1 2HY (GB)

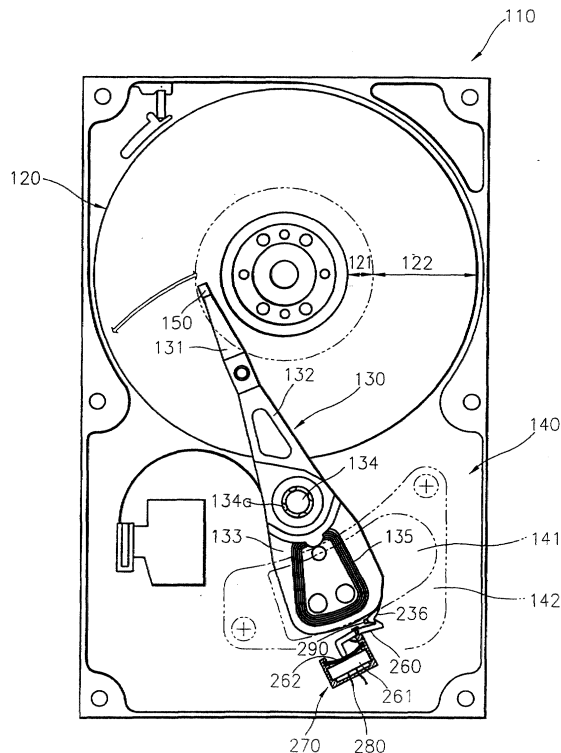
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Magnetic head transferring device of hard disk drive

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In a magnetic head transferring device of a hard disk drive, to lock a rotor after the magnetic head is moved to a parking zone (121) formed on a hard disk (120), a bi-metal member (262) reversibly deforms when heated by an electric current supplied from a power supply source. The bi-metal member (262) is installed to be adjacent to an actuating part of a link member (260) and, when being heated by a predetermined heating source, deforms to enable movement of the link member such that a hook portion of the link member (260) can separate from a hook portion (236) of the rotor. Thus, since the rotation of the rotor (130) is locked or unlocked using the bi-metal member operating according to the turning on/off of power, an abnormal movement of the magnetic head (150) can be prevented regardless of the strength of external impacts.

FIG. 5





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 11 3312

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 August 2001	Examiner Ressenaar, J-P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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